

SITUATION REPORT NO. 4
INCIDENT NO. 2006-016
DATE: April 4, 2006 Time: 5:00 p.m.

TO: Governor John Hoeven
State Capitol
Bismarck ND 58505

1. NATURE OF DISASTER: **Spring Flooding** – The rapid snowmelt of heavy winter snow accumulations compounded by spring rains and sudden warm temperatures is causing spring flooding along the Red River Valley.
2. DEATHS AND INJURIES: No change from previous report.
3. DAMAGES:

Flood Projections by River (updated April 4, at 12:00 p.m.)

For more information log on to <http://www.crh.noaa.gov/ahps2/index.php?wfo=fgf>

Major Flooding
Moderate Flooding
Minor Flooding
Near Flood Stage
No Flooding

Location	Flood Stage	April 4	April 5	April 6	April 7	April 8	April 9	April 10	April 11
Wild Rice River at Abercrombie	10 feet	22.7 feet	20.9 feet	19.1 feet	17.1 feet	15.5 feet	14.5 feet	13.6 feet	12.8 feet
Sheyenne River at Kindred	16 feet	10.3 feet	7.4 feet	5.5 feet	4.8 feet	4.7 feet	4.5 feet	4.3 feet	4.3 feet
Sheyenne River at West Fargo	18 feet	21.7 feet	21.6 feet	21.6 feet	21.5 feet	21.1 feet	20.8 feet	20.5 feet	20.1 feet
Sheyenne River at Harwood	884 feet	891.3 feet	891.3 feet	891.3 feet	891.2 feet	891.1 feet	890.9 feet	890.6 feet	890.3 feet

Maple River at Enderlin	9.5 feet	9.0 feet	7.8 feet	6.7 feet	6.0 feet	5.3 feet	4.9 feet	4.5 feet	4.3 feet
Maple River at Mapleton	905.5 feet	907.7 feet	907.2 feet	906.7 feet	906.2 feet	905.6 feet	905.0 feet	904.5 feet	904.0 feet
Goose River at Hillsboro	10 feet	11.8 feet	9.5 feet	7.4 feet	5.8 feet	4.6 feet	4.0 feet	3.6 feet	3.5 feet
Red River at Wahpeton	10 feet	13.9 feet	13.1 feet	12.4 feet	12.0 feet	11.6 feet	10.9 feet	10.2 feet	9.8 feet
Red River at Fargo	18 feet	37.1 feet	37.2 feet	36.1 feet	34.9 feet	33.6 feet	32.1 feet	30.7 feet	29.9 feet
Red River at East Grand Forks	28 feet	47.0 feet	47.6 feet	47.6 feet	47.2 feet	46.4 feet	45.5 feet	44.3 feet	43.5 feet
Red River at Oslo	26 feet	37.5 feet	37.4 feet	37.7 feet	37.1 feet	37.7 feet	37.7 feet	37.5 feet	37.4 feet
Red River at Drayton	32 feet	34.2 feet	36.5 feet	38.8 feet	40.9 feet	42.2 feet	42.8 feet	43.0 feet	42.9 feet
Red River at Pembina	42 feet	39.3 feet	43.3 feet	45.5 feet	46.7 feet	47.3 feet	47.8 feet	48.2 feet	48.5 feet
Forest River at Minto	6 feet	5.2 feet	4.5 feet	4.2 feet	4.0 feet	3.7 feet	3.5 feet	3.2 feet	3.1 feet
Park River at Grafton	12 feet	11.1 feet	11.3 feet	10.9 feet	10.3 feet	9.7 feet	9.3 feet	9.0 feet	9.0 feet
Souris River Basin at Willow City	10 feet	13.7 feet	13.6 feet	13.5 feet	13.3 feet	13.1 feet	12.9 feet	12.6 feet	12.5 feet

The National Weather Service (NWS) forecasted a thunderstorm for the Red River Valley will be developing and spreading up into the south valley on Wednesday evening, April 5, into the morning of April 6, followed by continued rain into Friday, April 7. The analysis indicates street flooding may occur if the area receives one and one-half to two inches of rain within a two- to three-hour period, particularly since the Red River Basin tributaries are high and storm sewer pumping operations are underway. The rural area will likely see rapid runoff, which could result in overland flooding. Flows in ditches and smaller streams will increase during the next 24 hours. The basin's larger rivers will see a second rise of high water crests.

Cass County

The Forest River Subdivision, south of Fargo along the Red River, is experiencing back up into the development as water from the west is backing up at the Red River. Cass County Engineers have requested resources to assist

pumping water out of the development over a roadway. The ND Department of Transportation (NDDOT) has been contacted on April 4 and is coordinating with local officials to provide two pumps.

Fargo streets that remain closed include:

- 2nd Street North,
- South Oak Street, and
- North Broadway Bridge.

Pembina County

On April 3, Public Works officials from the City of Pembina reported the Red River elevation is now over 35 feet. Due to fast rising water levels, the last storm gate, located by the Catholic Church, will be closed on April 3. This gate usually closes at 40 feet. Officials have two loads of sand positioned to aid in sandbagging efforts if needed.

Walsh County

The Walsh County EOC has been activated with 8:00 a.m. to 8:00 p.m. operations and 24 hour staff availability. County officials have encouraged residents along the Red River to evacuate. The forecasted length of the flood compounded by residents who stay in the flooded area needing assistance at a later date is a major concern for County officials. Snow pack exists in the Langdon area and upon melt will move through the Park River system.

The cities of Minto and Grafton continue to monitor river conditions and forecasts. Grafton is currently below flood stage and Minto is remaining constant at the six foot flood stage as the Forest River slowly drains into the Red River.

The County is monitoring ice jams on the North Branch of the Park River and along the Red River. US Highway 81 through the city of Minto has reopened, but County Road 15 from the city of Warsaw to US Interstate 29 is closed due to flooding. Roads in Pulaski and Walshville Township are closed due to flooding. US Highway 54 from US Interstate 29 to Oslo has water covering the roadway.

The County is continuing to monitor roads, ditches, drains, rivers and dams throughout the county. Roads will be closed as conditions require.

At approximately 2:00 p.m. on April 3, the Red River began breaking out in several locations and is flooding most of the area between US Interstate 29 and the Red River from ND Highway 17 and south at this time. Currently this area is closed to travel. Roads not currently under water have ditches full and most likely will go under water sometime the night of April 3.

Currently, 6,000 sandbags and 120 yards of sand have been delivered to rural farmsteads primarily in the area of the Red River. Volunteers have sandbagged farmsteads in the area impacted by the Red River.

Several township officers and the County Highway Superintendent reported road damage after rain fell the weekend of March 31 through April 2, causing overland flooding and road washouts.

4. RESOURCES:

LOCAL: No change from the previous report.

STATE: No change from the previous report.

FEDERAL: No change from the previous report.

5. VOLUNTEER ACTION: On April 4, the Salvation Army (SA) reported providing assistance to 4,658 people; serving 2,593 meals, 4,602 snacks and 5,723 drinks. The SA accomplished this with 60 volunteers working 544 hours.

Community Emergency Response Team (CERT) – Volunteers in the Wahpeton and Fargo area.

United Methodist (UM) – The UM has a Memorandum of Understanding (MOU) with Salvation Army (SA) for the provision of cooking and running canteens. Money is being raised in support of case management. In Grafton, the Federated Church will be the main headquarters for the United Methodist. Clean-up kits are not available, but can be assembled if necessary. Illinois may be able to send clean-up kits once they know how many homes will be affected.

Church World Service (CWS) – The CWS has 50 clean-up kits that will be shipped to Grafton. Other kits are available as well.

Adventist Community Services (ACS) – The ACS can activate warehouses as soon as notified.

Lutheran Disaster Response – LDR in Fargo is calling for volunteers. LDR is expecting a prolonged need for case management.

6. MAJOR ACTIONS: The ND Department of Transportation (NDDOT) advises that the ND Highway 44 is closed through Drayton due to diking on the roadway as a flood prevention measure for the town. Water is crossing the roadway of ND Highway 54 east of US Interstate 29 (west of Oslo, MN.). Through-traffic is being allowed at this time; NDDOT is monitoring the conditions.

The State Operations Center (SOC) was notified that US Interstate 29 at Harwood has water over the road. Local officials are working with NDDOT officials regarding traffic control. Cars are being allowed to travel through the water on the roadway, however, if conditions worsen, traffic will be detoured.

Cass County

Fargo high school students are volunteering to fill and place sandbags. By 12:00 p.m. on April 4, the city expects to have over 50,000 sandbags filled and waiting for distribution with a total of more than 100,000 sandbags filled by the City of Fargo and volunteers.

Cass County residents are requesting sandbags from the City of Fargo. The City is going to drop 5,000 filled sandbags at the County Highway Department for distribution to County residents.

The NDDOT and the COE have provided pumps for the Forest River Subdivision.

Grand Forks

On April 4, the Emergency Manager reported no outstanding issues exist at this time. The floodwall has been installed and temporary levees have been built to 54 feet (NWS forecasts a crest of 47 feet). All sandbagging in the rural areas and the city of Manvel has been completed. Sandbag operations have currently ceased. Local officials are monitoring specific homes south of Grand Forks that may need to be sandbagged at a later date.

The Sorlie Bridge in the City of Grand Forks is closed and a floodwall has been installed. Sandbagging operations in the city of Manvel were completed the evening of April 3, due to the backup of the Turtle River from the Red River. A news release was disseminated on behalf of the Manvel Fire Department requesting additional volunteers.

Sandbagging operations to protect homes in the Lake Drive subdivision, south of 62 Avenue South, are underway. Approximately 50 homes east of Adams Drive and Lake Drive do not have access as a result of high water. Residents of this area are commuting by boat. The Grand Forks Sheriff's Office has positioned a boat in the area for emergency medical response. Altru Hospital has stationed an ambulance in East Grand Forks due to two bridge closures accessing Grand Forks. The dikes in the City of Grand Forks have been raised to 54 feet.

Pembina County

On April 4, County Commissioners declared an emergency for Pembina County.

On April 3, the city of Pembina declared an emergency.

The County Emergency Manager has requested polypropylene and additional sandbags from the US Army Corps of Engineers (USACE). USACE will place a pump and provide technical assistance to the City of Pembina.

The city of Drayton has begun building a clay dike under the guidance of the USACE. Dike completion is projected for the night of April 5. Officials will cover the dike with plastic while overlaying it with sandbags in case of rain.

Sandbagging efforts have been initiated at the American Crystal Sugar Plant near the city of Drayton while the Drayton Airport runway has been consumed by flood waters.

Road barricades have been placed on ND Highway 44, while construction of a dike is being completed.

Ransom County

Road closure signs have been posted. Signs have been placed where washouts and culvert damage has occurred. Road damage is being reported to the County Emergency Manager.

Walsh County

The County Commissioners declared an emergency for Walsh County on April 4. Voluntary evacuations have taken place.

7. ASSISTANCE NEEDED: No assistance needed.
8. OUTSIDE HELP ON SCENE: No outside help is on scene.
9. OTHER INFORMATION: The N.D. Division of Homeland Security's Situation Reports are posted on the Division's Internet home page. The address is <http://www.state.nd.us/des>.

Greg Wilz, Director
N.D. Division of Homeland Security